

AMD Radeon™ HD 7570 GPU Features Summary

- 650 MHz engine clock
- 512MB-2GB DDR3 or 512MB-1GB GDDR5 memory
- 900 MHz (DDR3) or 1000 MHz (GDDR5) memory clock (1.8 Gbps DDR3 or 4.0 Gbps GDDR5)
- 28.8 GB/s (DDR3) or 64 GB/s (GDDR5) memory bandwidth
- 624 GFLOPS Single Precision compute power
- TeraScale 2 Unified Processing Architecture
 - 480 Stream Processing Units
 - 24 Texture Units
 - 32 Z/Stencil ROP Units
 - 8 Color ROP Units
- 128-bit DDR3/GDDR5 memory interface
- PCI Express 2.1 x16 bus interface
- DirectX® 11 support
 - Shader Model 5.0
 - DirectCompute 11
 - Programmable hardware tessellation unit
 - Accelerated multi-threading
 - HDR texture compression
 - Order-independent transparency
- OpenGL 4.1 support
- Image quality enhancement technology
 - Up to 24x multi-sample and super-sample anti-aliasing modes
 - Adaptive anti-aliasing
 - Morphological anti-aliasing (MLAA)
 - 16x angle independent anisotropic texture filtering
 - 128-bit floating point HDR rendering
- AMD Eyefinity multi-display technology²
 - Native support for up to 4 simultaneous displays
 - Independent resolutions, refresh rates, color controls, and video overlays
 - Display grouping
 - Combine multiple displays to behave like a single large display
- AMD App Acceleration¹
 - OpenCL 1.1
 - DirectCompute 11
 - Accelerated video encoding, transcoding, and upscaling¹
- AMD HD Media Accelerator
 - MPEG-4 AVC/H.264
 - VC-1
 - MPEG-2 (SD & HD)
 - Multi-View Codec (MVC)
 - MPEG-4 part 2 (DivX, xVid)
 - Adobe Flash
- Enhanced video quality features
 - Advanced post-processing and scaling
 - Dynamic contrast enhancement and color correction

- Brighter whites processing (blue stretch)
 - Advanced color correction
 - Brighter whites processing (Blue Stretch)
 - Independent video gamma control
 - Dynamic video range control
- Dual-stream HD (1080p) playback support
- DXVA 1.0 & 2.0 support
- AMD HD3D technology³
 - Stereoscopic 3D display/glasses support
 - Blu-ray 3D support
 - Stereoscopic 3D gaming
 - 3rd party Stereoscopic 3D middleware software support
- AMD CrossFire™ multi-GPU technology⁵
 - Dual GPU scaling
- Cutting-edge integrated display support
 - DisplayPort 1.2
 - Max resolution: 3840x2400
 - Multi-Stream Transport
 - 21.6 Gbps bandwidth
 - High bit-rate audio
 - HDMI 1.4a with Stereoscopic 3D Frame Packing Format, Deep Color, xvYCC wide gamut support,
 - Max resolution: 1920x1200
 - Dual-link DVI with HDCP
 - Max resolution: 2560x1600
 - VGA
 - Max resolution: 2048x1536
- Integrated HD audio controller
 - Output protected high bit rate 7.1 channel surround sound over HDMI or DisplayPort with no
 - Supports AC-3, AAC, Dolby TrueHD and DTS Master Audio formats
- AMD PowerPlay™ power management technology⁴
 - Dynamic power management with low power idle state
- AMD Catalyst™ software and HD video configuration software
 - Unified graphics display drivers
 - Certified for Windows 7, Windows Vista, and Windows XP
 - AMD Catalyst™ Control Center

Software application and user interface for setup, configuration, and accessing special features of AMD Radeon products